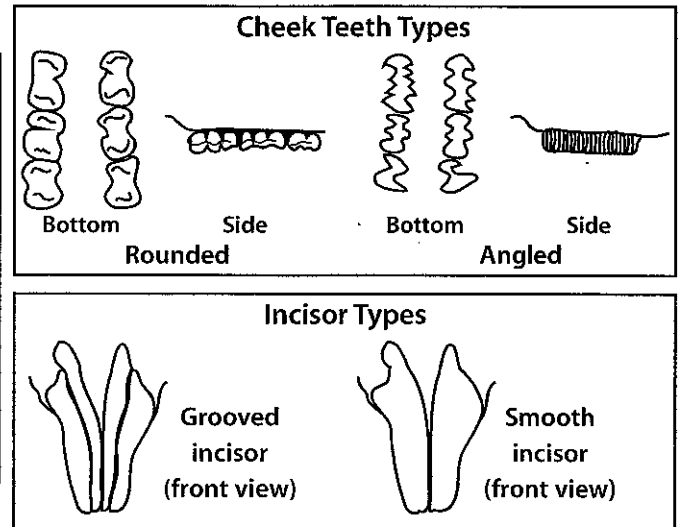
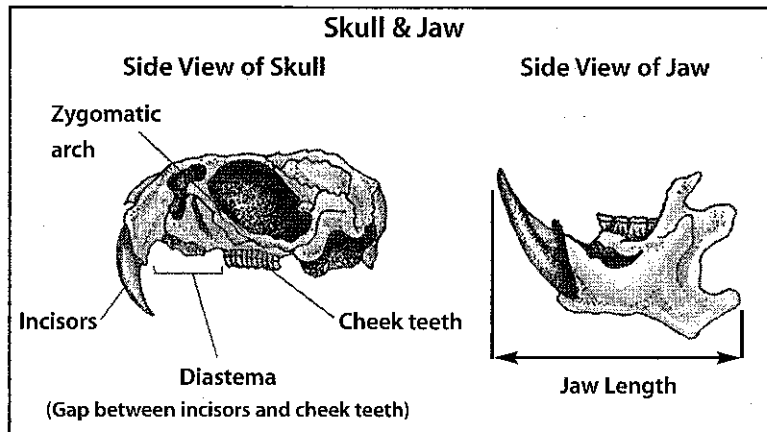


NAME .....

TEACHER/SECTION .....

DATE .....

## Key to Owl Prey



- 1a Prey is bony material (skull) ..... 2
- 1b Prey is not bony material ..... INSECT
- 2a Skull has teeth ..... MAMMAL ..... 3
- 2b Skull has no teeth ..... BIRD
- 3a Skull has a gap between the incisor and cheek teeth (diastema) ..... (Order Rodentia) ..... 5
- 3b Skull has no gap between the incisor and cheek teeth (diastema) ..... (Order Insectivora) ..... 4
- 4a Skull with zygomatic arch, is flat and broad in shape ..... Mole (*Scapanus*)
- 4b Skull without zygomatic arch, is not flat or broad in shape ..... Shrew (*Sorex*)
- 5a Skull generally flat and broad, cheek teeth are angled, may appear as one continuous tooth ... Vole (*Microtus*)
- 5b Skull generally rounded, cheek teeth rounded and distinct ..... 6
- 6a Length of lower jaw 10-15 mm ..... (mouse) ..... 7
- 6b Length of lower jaw 17-30 mm ..... Rat (*Rattus*)
- 7a Upper incisor distinctly grooved ..... Harvest Mouse (*Reithrodontomys*)
- 7b Upper incisor smooth, not grooved ..... 8
- 8a Cheek teeth capped with enamel ..... House Mouse (*Mus*)
- 8b Cheek teeth not capped with enamel ..... Deer Mouse (*Peromyscus*)

### Investigating Food Webs with Owl Pellets

# NEO/SCI STUDENT'S GUIDE

NAME .....

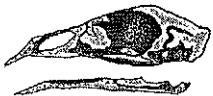






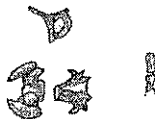
















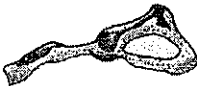







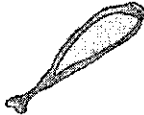


TEACHER/SECTION .....

DATE .....



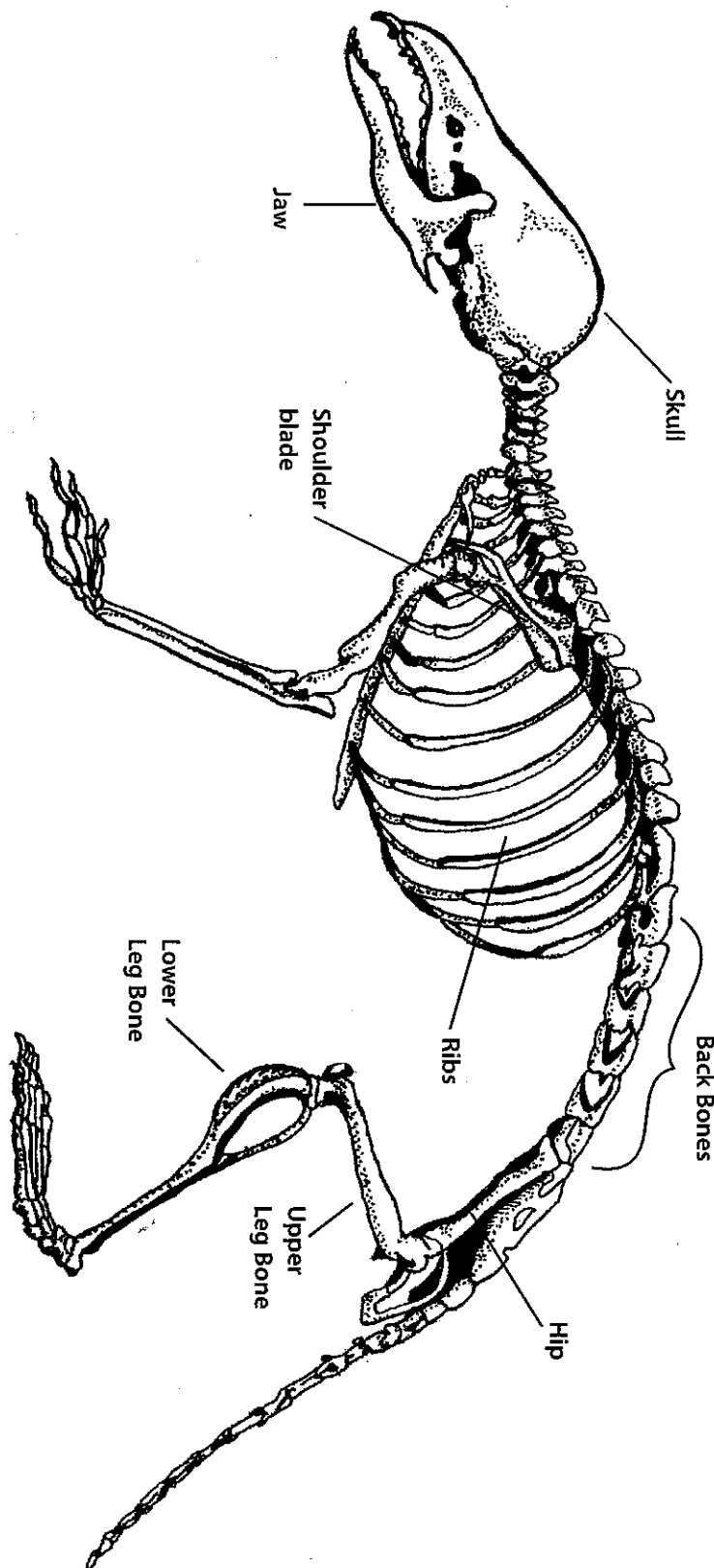
*New ideas for teaching science*

## Visual Guide to Owl Pellet Prey

	Birds	Rodents			
		Shrew <i>Sorex</i>	Mouse <i>Mus</i>	Vole <i>Microtus</i>	Rat <i>Rattus</i>
Biomass (grams)	13	4	24	35	130
Skull & Jaw	 17-30 mm long No Teeth	 7-14 mm long Pointed Teeth	 10-15 mm long Rounded Teeth	 15-20 mm long Angled Teet	 17-30 mm long Rounded Teeth
Back Bones					
Shoulder Blade					
Rib					
Hip					
Upper Leg Bone					
Lower Leg Bone					

## Investigating Food Webs with Owl Pellets

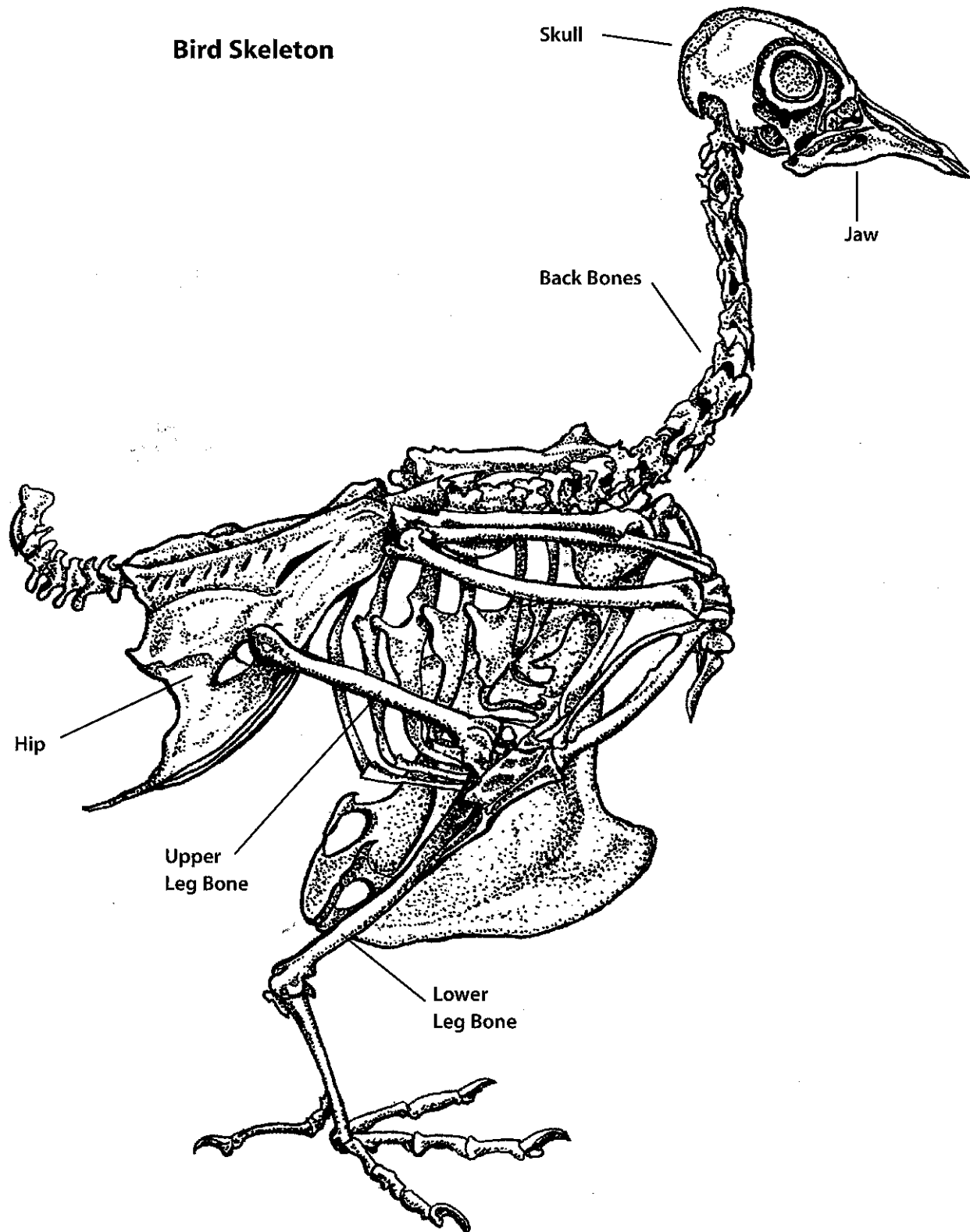
COPYMASTER: Permission granted to make unlimited copies. Copy use confined to educational purposes within a single school building. Copyright 1999 – Neo/SCI Corporation.



**Rodent Skeleton**

### Investigating Food Webs with Owl Pellets

## Bird Skeleton



### Investigating Food Webs with Owl Pellets